

**ABSTRACT**

An airless atomizing nozzle comprises a tubular body including a bore having an inlet and an outlet; a cylindrical member including a face and a cylindrical delivery channel secured at the outlet, the delivery channel having substantially uniform diameter; and a pin including a target area spaced from and directly over the delivery channel outlet. The delivery channel includes a tapered inlet and an outlet terminating at the face. A method for aligning a target on a pin over an orifice in an airless atomizing nozzle body is also disclosed.